

What is claimed is:

1. A wiper device for a window (12), in particular of a motor vehicle, comprising a wiper blade (14), a mechanical system (16) driving the wiper blade, and a control device (18), wherein the control device (18) compensates for the clearances of the mechanical system (16) as a function of load changes.
2. A wiper device for a window (12), in particular of a motor vehicle, comprising a wiper blade (14), a mechanical system (16) driving the wiper blade, and a control device (18), wherein the control device (18) compensates for the clearances of the mechanical system (16) as a function of service life.
3. The wiper device as recited in Claim 1 or 2, wherein a particularly electronically reversible drive (40) is provided; the mechanical system (16) is designed such that it rotatably moves the wiper blade (14) via the drive (40) between an upper and a lower wiper blade end position (38, 36); two drive end positions (48, 50) are associated with two wiper blade end positions (38, 36); and the control device is designed such that it changes the drive end positions (48, 50) as the number of load changes increases and/or as the service life of the mechanical system (16) increases, in order to compensate for the clearances.
4. The wiper device as recited in Claims 2 or 3, wherein the service life of the mechanical system (16) is determined by the distance traveled by the motor vehicle.
5. The wiper device as recited in Claim 1 or 3, wherein the control device (18) is designed such that the compensation is implemented incrementally, in particular every 50,000 to 200,000, preferably every 100,000 wiper periods (P) or load changes.

6. The wiper device as recited in Claim 4, wherein the control device (18) is designed such that the compensation is implemented incrementally, in particular every 2,000 to 10,000 km, preferably every 5,000 km.

7. The wiper device as recited in one of the Claims 1 through 4, wherein the control device (18) is designed such that the compensation is implemented continuously prior to/subsequent to each wiping period.

8. The wiper device as recited in one of the Claims 3 through 7, wherein the control device (18) is designed such that it implements the compensation only at the drive end position (48), which corresponds to upper wiper blade end position (38).

9. The wiper device as recited in one of the preceding claims, wherein the control device (18) is designed such that the compensation is implemented as a function of the velocity of motion of the mechanical system (16).

10. A method for controlling a wiper device (10), in particular of a motor vehicle, where a particularly electronically reversible drive (40) drives a wiper blade (14) via a mechanical system (16), wherein the clearances of the mechanical system (16) are compensated for as a function of load changes.

11. The method for controlling a wiper device (10), in particular of a motor vehicle, in which a particularly electronically reversible drive (40) drives a wiper blade (14) via a mechanical system (16), wherein the clearances of the mechanical system (16) are compensated for as a function of service life.

12. The method as recited in Claim 10 or 11, wherein the mechanical system (16) rotatably drives the wiper blade (14)

between an upper and a lower wiper blade end position (38, 36), so that the two wiper blade end positions (38, 36), which are associated with two drive end positions (48, 50), include a swing angle (P), and the control device (18) changes the drive end positions (48, 50) as the number of loads increases and/or the service life of the mechanical system (16) increases, in order to compensate for clearances.

13. The method as recited in Claim 11 or 12, wherein the service life of the mechanical system (16) is determined by the distance traveled by the motor vehicle.

14. The method as recited in Claim 10 or 12, wherein the control device (18) is designed such that the compensation occurs incrementally, in particular every 50,000 to 200,000, preferably every 100,000 wiper periods (P) or load changes.

15. The method as recited in Claim 13, wherein the control device (18) implements the compensation incrementally, in particular every 2,000 to 10,000 km, preferably every 5,000 km.

16. The method as recited in one of the Claims 10 through 13, wherein the control device (18) continuously implements the compensation, prior/subsequent to each wiping period.

17. The wiper device as recited in one of the Claims 12 through 16, wherein the control device (18) implements the compensation only at the drive end position (48, 50) corresponding to the upper wiper blade end position (36, 38).

18. The method as recited in one of the Claims 10 through 17, wherein the control device (18) implements the compensation as a function of the velocity of motion of the mechanical system (16).